

Attachment 1 – Dry-Weather CSO Discharges

City or Town	New Haven	New Haven	New Haven	New Haven	New Haven
Type of Bypass	Raw sewage				
Location of Bypass	Pump station				
Cause of Bypass	Electric utility failure		Weir wall failure		
Blockage of Sewer Line due to					
Exact Location of By-Pass	Long Wharf Drive - CSO 024	CSO - State and Union Pump Station	OF #003 Boulevard @ Orange Street	CSO #009 Grand Ave @ James St - Drains to the Mill River	CSO 012
Date and Time bypass was discovered	7/21/2011 8:30	3/23/2012 19:30	8/14/2012 12:30	1/25/2013 15:20	3/1/2013 0:00
Date and time bypass was stopped	7/21/2011 9:00	3/23/2012 20:30	8/16/2012 11:00	1/26/2013 11:30	3/7/2013 0:00
Date and Time bypass was reported	7/25/2011 8:13	3/23/2012 21:25	8/14/2012 13:52	1/25/2013 17:00	Not reported
How bypass was discovered	Manager discovered event	Operator received SCADA alarm	Contractor discovered while working in manhole with flow meter problems	Contractor called in for water in the lane	Flow monitoring contractors alerted the Authority
Quantity /Volume of Bypass	1,000	50,000	1,200,000	25,000	2,080,000
How quantity/volume was determined	estimated using SCADA	Estimate based on time and flow	Estimated from depth of flow and pipe size	Visual flow estimate over time	Flow monitoring device
Date of last inspection(if equipment failure)		19-Mar-12	13-Aug-12		
Receiving waters(if applicable)	New Haven Harbor	New Haven Harbor	West River	Mill River	Mill River
Steps to minimize volume and duration of bypass	Ran generator	Closed faulty breaker, re-established utility power	Plan to construct new weir/weir wall	Contractor to repair weir wall	
Steps taken to prevent recurrence of bypass	Electrical utility repaired feed to station	Replace faulty electrical breaker and repair burnt electrical connection	Construct new weird and continue flow monitoring		
Bypass area cleaned of debris?	No	No	No	No	
Method used					
Date of last blockage/backup					